

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (canceled).

1 Claim 14 (previously presented): A system for charging, in  
2 a packet based telecommunication network, the packet load  
3 per connection, the system comprising a measuring device  
4 for measuring a time period (t) during which a predefined  
5 number (N) of packets that belong to a common connection  
6 are received or transmitted through the connection.

1 Claim 15 (previously presented): The system recited in  
2 claim 14 further comprising a calculation device,  
3 responsive to said measuring device, for calculating a  
4 ratio reflective of the number (N) of packets per said  
5 time period (t) so as to yield a calculation result (r) and  
6 supplying the calculation result (r) to a billing system.

1 Claim 16 (previously presented): The system recited in  
2 claim 15 wherein the telecommunication network carries  
3 system packets (RM, RESV) which comprise an indication (rl)  
4 of capacity or priority of the connection and as requested  
5 by a user, the system

6 further comprising a first detection device, responsive to  
7 the system packets, for reading out the indication (r1)  
8 from the system packets and transferring the  
9 indication (r1) to the billing system.

1 Claim 17 (previously presented): The system recited in  
2 claim 15 wherein the telecommunication system carries  
3 system packets (RM, RESV) which comprise an indication (r2)  
4 of capacity or priority of the connection and as assigned  
5 by the telecommunication system, the system further  
6 comprising a second detection device, responsive to the  
7 system packets, for reading out the indication (r2) from  
8 the system packets and transferring the indication (r2) to  
9 the billing system.

1 Claim 18 (previously presented): The system recited in  
2 claim 15 further comprising an aggregation device for  
3 aggregating the calculation result so as to form an  
4 aggregated result and passing the aggregated result to the  
5 billing system.

1 Claim 19 (previously presented): The system recited in  
2 claim 16 further comprising an aggregation device for  
3 aggregating said capacity or priority indications provided  
4 by the first detection device so as to form aggregated  
5 indications and passing the aggregated indications to the  
6 billing system.

1      Claim 20 (previously presented): The system recited in  
2      claim 17 further comprising an aggregation device for  
3      aggregating said capacity or priority indications provided  
4      by the second detection device so as to form aggregated  
5      indications and passing the aggregated indications to the  
6      billing system.